

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) In a packet based display interface arranged to couple a multimedia source device to a multimedia sink device that includes a transmitter unit coupled to the source device arranged to receive a source packet data stream in accordance with a native stream rate, a receiver unit coupled to the sink device, and a linking unit coupling the transmitter unit and the receiver unit arranged to transfer a multimedia data packet stream formed of a number of multimedia data packets based upon the source packet data stream in accordance with a link rate that is independent of the native stream rate between the transmitter unit and the receiver unit, an ~~enumeration~~ method for ~~generating the link rate and a pixel/audio pixel and/or audio~~ clock rate comprising:

~~expressing the pixel/audio clock rate and determining the link rate as a subset of a master frequency 23.76GHz that is equal to $2^{10} \times 3^3 \times 5^7 \times 11^1$ Hz;~~

~~expressing the determined link rate (LR) as A', B', C', D' where with four parameters, $LR = 2^{A'} \times 3^{B'} \times 5^{C'} \times 11^{D'}$ Hz wherein $A' < 10, B' < 3, C' < 7, D' < 1$ based upon;~~

~~expressing the determined link rate with four parameters, A', B', C' , and D' and~~

~~expressing the pixel clock rate (PC) as $2^A \times 3^B \times 5^C \times 11^D$ Hz wherein $A < 10, B < 3, C < 7, D < 1$; and~~

~~regenerating a the pixel/audio clock rate from the link rate clock as pixel clock rate = (link rate) $\times (2^{A-A'}, 3^{B-B'}, 5^{C-C'}, \text{ and } 11^{D-D'})$.~~

2. (Cancelled)

3. (Currently Amended) A method as recited in claim 1, wherein ~~A and A' = 4 bits, B = 2 bits, C = 3 bits, and D = 1 bit.~~ A and A' are 4 bits long, B and B' are 2 bits long, C and C' are 3 bits long, and D and D' are 1 bit long datawords.

4. (Cancelled)

5. (Currently Amended) In a packet based display interface arranged to couple a multimedia source device to a multimedia sink device that includes a transmitter unit coupled to the source device arranged to receive a source packet data stream in accordance with a native stream rate, a receiver unit coupled to the sink device, and a linking unit coupling the transmitter unit and the receiver unit arranged to transfer a multimedia data packet stream formed of a number of multimedia data packets based upon the source packet data stream in accordance with a link rate that is independent of the native stream rate between the transmitter unit and the receiver unit, a computer program product for an ~~enumeration~~ for generating the link rate and a pixel/audio pixel and/or audio clock rate comprising:

computer code for ~~expressing the pixel/audio clock rate and~~ determining the link rate as a subset of a master frequency 23.76GHz that is equal to $2^{10} \times 3^3 \times 5^7 \times 11^1$ Hz;

computer code for expressing the determined link rate as $2^{A'} \times 3^{B'} \times 5^{C'} \times 11^{D'}$ Hz wherein $A' \leq 10, B' \leq 3, C' \leq 7, D' \leq 1$;

computer code for expressing the pixel clock rate as $2^A \times 3^B \times 5^C \times 11^D$ Hz wherein $A \leq 10, B \leq 3, C \leq 7, D \leq 1$;

computer code for regenerating ~~a the pixel/audio clock rate~~ from the link rate clock as pixel clock rate = (link rate) $\times (2^{A-A'}, 3^{B-B'}, 5^{C-C'}, \text{ and } 11^{D-D'})$; and

computer readable medium for storing the computer code.

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)